What is claimed is:

1. A method of providing a service in a mobile communication system having a plurality of user equipments and a fixed station, the system having a protocol including a physical layer and a plurality of upper layers above the physical layer, comprising:

sending a message from the fixed station to a user equipment through the physical layer of the fixed station and the user equipment, wherein the message contains an identification code corresponding to a service;

receiving the message at a first upper layer of the user equipment above the physical layer of the user equipment; and

determining at the upper layer of the user equipment whether to pass the message to a second upper layer of the user equipment.

- 2. The method according to claim 1, wherein the upper layer uses the identification code to determine whether to pass the message to the second upper layer of the user equipment.
- 3. The method according to claim 2, wherein a list of identification codes is received from the fixed station.
- 4. The method according to claim 2, wherein a list of identification codes is received from an upper layer above the first layer.

- 5. The method according to claim 1, wherein the message has a format including a header, and the identification code is contained in the header.
- 6. The method according to claim 1, wherein the first upper layer includes a medium access control (MAC) layer.
- 7. The method according to claim 6, wherein the message has a MAC packet data unit format including a header having a message type and the identification code.
- 8. The method according to claim 7, wherein the message type is a target channel type field (TCTF).
- 9. The method according to claim 1, wherein the identification code is a permanent code.
- 10. The method according to claim 1, wherein the identification code is a temporary code.
- 11. The method according to claim 1, wherein the fixed station includes multiple identification codes corresponding to multiple services available.
- 12. The method according to claim 10, wherein each identification code corresponds to a single service.
- 13. The method according to claim 1, wherein a service corresponding to an identification code is added or deleted by the fixed station.
- 14. The method according to claim 1, wherein a service is added or deleted according to services required by the user equipment.

- 15. The method according to claim 1, wherein the message is sent using a common channel.
- 16. The method according to claim 1, wherein the message is sent using a dedicated logical channel.
- 17. A method of providing a service in a mobile communication system having a plurality of user equipments and a fixed station, the system having a protocol including a physical layer and a plurality of upper layers above the physical layer, comprising:

receiving, at a first upper layer above the physical layer of the user equipment, a message transmitted from the fixed station, wherein the message contains an identification code corresponding to a service; and

determining whether to pass the message to a second upper layer of the user equipment.

18. The method according to claim 17, wherein determining whether to pass the message to a second upper layer of the user equipment includes:

comparing the received identification code included in the received message with a stored identification code in a memory; and

passing the message to a second upper layer of the user equipment when the received message with the identification code matches the stored identification code in the memory.

- 19. A computer-readable medium having computer-executable instructions for performing the steps recited in claim 17.
- 20. A method of providing a multimedia broadcast/multicast service in a mobile communication system having a plurality of user equipments and a fixed station, the system having a protocol including a physical layer and a plurality of upper layers above the physical layer, comprising:

receiving, at a first upper layer above the physical layer of the user equipment, a message transmitted from the fixed station through the physical layer of the fixed station, wherein the message contains an identification code corresponding to a service; and

determining, at the first upper layer of the user equipment, whether to pass the message to a second upper layer of the user equipment.

21. A method of providing a multimedia broadcast/multicast service (MBMS) in a mobile communication system having a plurality of user equipments and a fixed station, the system having a protocol including a physical layer and a plurality of upper layers above the physical layer, comprising:

generating a message including an identification code field corresponding to a specific MBMS;

transmitting the message from the fixed station via the physical layer of the fixed station for receipt by the first upper layer of the user equipment; and

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determining, at the first upper layer of the user equipment, whether to pass the received message to a second upper layer of the user equipment.

22. A mobile communication system having a plurality of user equipments and a fixed station, the system having a protocol including a physical layer and a plurality of upper layers above the physical layer, said mobile communication system comprising:

means for sending a message from the fixed station to a user equipment through the physical layer of the fixed station and the user equipment, wherein the message contains an identification code corresponding to a service;

means for receiving the message at a first upper layer of the user equipment above the physical layer of the user equipment; and

means for determining at the upper layer of the user equipment whether to pass the message to a second upper layer of the user equipment.

23. A mobile communication system having a plurality of user equipments and a fixed station, the system having a protocol including a physical layer and a plurality of upper layers above the physical layer, comprising:

means for generating a message including an identification code field corresponding to a service;

means for transmitting the message from the fixed station via the physical layer of the fixed station for receipt by the first upper layer of the user equipment; and

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means for determining at the first upper layer of the user equipment whether to pass the received message to a second upper layer of the user equipment.

24. A user equipment for use in a mobile communication system having a protocol including a physical layer and a plurality of upper layers above the physical layer, comprising:

means for receiving, at a first upper layer above the physical layer of the user equipment, a message transmitted from the fixed station, wherein the message contains an identification code corresponding to a service; and

means for determining whether to pass the message to a second upper layer of the user equipment.

25. The user equipment according to claim 24, wherein means for determining includes:

means for comparing the received identification code included in the received message

with a stored identification code in a memory; and

means for passing the message to a second upper layer of the user equipment when the received message with the identification code matches the stored identification code in the memory.

26. A message for being transmitted from a fixed station to a plurality of user equipments in a mobile communication system, said message having a format including a header and data,

said header having an identification code corresponding to a specific multimedia broadcast/multicast service (MBMS).

- 27. The message according to claim 26, wherein the identification code one-to-one corresponds to a service provided by a fixed station.
- 28. The message according to claim 26, wherein said header further comprises a target channel type field (TCTF).
- 29. The message according to claim 28, wherein the message has a format of [TCTF][Identification Code][Data].
- 30. A method for providing multimedia broadcast/multicast service in a mobile communication system having a plurality of user equipments and a fixed station, the system having a protocol including a physical layer and a plurality of upper layers above the physical layer, said method comprising:

assembling a header and data for a message to forward to the user equipments, said header including an identification code corresponding to a specific multimedia broadcast/multicast service;

transmitting said message from the fixed station to the user equipment through the physical layers of the fixed station and the user equipment;

comparing at the user equipment the received identification code included in the received message with a stored identification code in a memory; and

passing the message to a second upper layer of the user equipment when the received identification code included in the received message matches the stored identification code in the memory.